GREAT LAKES DIVISION

CONVENTION

STATLER HOTEL

Detroit, Michigan

May 27-28-29

1950

WELCOME OM'S and XYL'S!!

ENJOY YOURSELVES . . . . .

AND PAY US A VISIT

YOU WON'T WANT TO MISS

THE "SPECS" EXHIBIT ! !

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THE

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PRESENTS THE

GREAT LAKES DIVISION

CONVENTION

HOTEL STATLER DETROIT, MICHIGAN

MAY 27, 28, & 29, 1950

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DESIGNED AND MANUFACTURED TO YOUR SPECIFICATIONS
FOR RADIO AMATEUR, EXPERIMENTAL OR PRODUCTION USE

IN SIZES UP TO 25 KVA

PROMPT DELIVERY ON SMALL OR LARGE QUANTITIES

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(See ad on page 19)

USE ERIE RESISTOR CORPORATION

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NPO and "GP" Ceramicons
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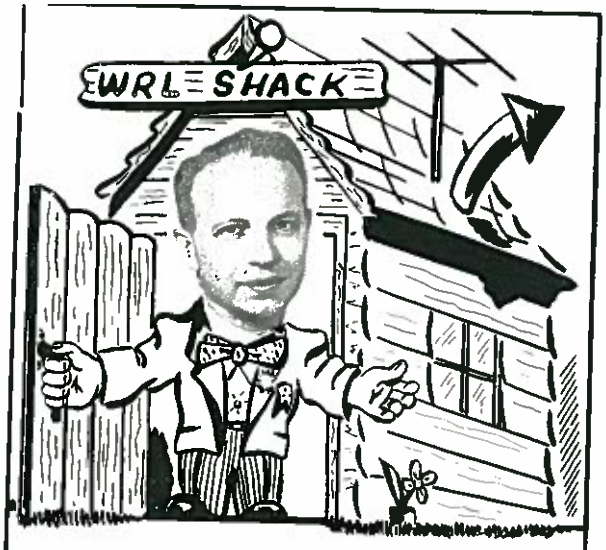
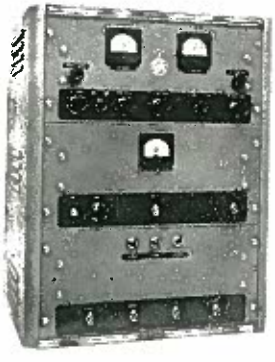


VISIT THE WRL SHACK

Follows, come on over and let's get acquainted. I'll be on hand to personally demonstrate the World Famous WRL XMTR's—see them in operation during the convention. For Personalized Service, Liberal Trade-Ins, E-Z Payments, deal with "The World's Largest Distributor of Amateur Radio Transmitting Equipment."

Leo I. Meyerson, WØGFQ



NEW WRL "400" GLOBE KING TRANSMITTER

MORE WATTS PER DOLLAR

Efficient performance on all bands—10 to 160 on phone and CW. 350 watts phone—400 watts CW. Provisions for ECO. Complete with tubes, meters and one set of coils.

KIT FORM $379.45 **WIRED-TESTED $399.45**

LOW DOWN PAYMENT

FREE MAP TO ALL CONVENTIONEERS

A handy Radio Reference Map will be given FREE to all visitors at the WRL Shack during the convention.

World Radio Laboratories Incorporated
Everything in Radio
Council Bluffs, Iowa

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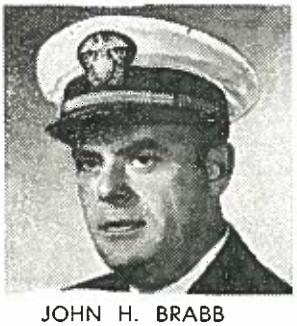


JOHN H. BRABB
W8SPF

It is with pleasure I welcome you to the first convention held by the Great Lakes Division of the American Radio Relay League. Although we are the youngest division in the League, being originally part of the Central Division, we are one of the largest, having approximately 3,000 full members and some 65 affiliated clubs in our Kentucky, Ohio and Michigan sections.

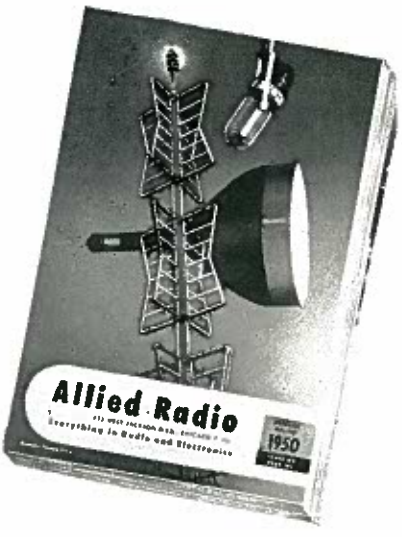
You will note from the program that our able chairman and vice-chairmen, together with their committees, have arranged an interesting and varied program for your information and pleasure.

I sincerely hope you enjoy your participation in the convention activities and leave Detroit imbued with the spirit that we have one of the most active divisions in the American Radio Relay League.

John H. Brabb

Director, Great Lakes Division

ALLIED
gives you every BUYING ADVANTAGE



Get the Best! It's smart to buy quality! That's why ALLIED offers you the widest choice of nationally known, completely dependable equipment.

Get it Fast! Your orders—large or small—go out speedily, under expert supervision. You get exactly *what* you want *when* you want it.

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Get the Most Liberal Trade-Ins!

Want to make a cash-saving swap? We mean business —FB for *you!* Just drop a line to Dayton Warner (W9IBC)—or visit our Ham Shack. We'll go all-out to give you the squarest trade-in deals in the business. Try us—we'll see to it that you come out way ahead!

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Send for Your Copy Today...

Everything for the Ham

ALLIED RADIO

833 W. JACKSON BLVD., Dept. 33-50

CHICAGO 7, ILLINOIS

—PROGRAM—

SATURDAY, MAY 27th

9:30 A.M. **Regisration opens.**

10-12 A.M. **Open House at Radio and TV Stations, Radio Stores**
(See Directory at Information Desk)

1:45 P.M. **Prize Drawing—Advance Sale Tickets**

2 P.M. **Formal Opening of Convention**
Welcome by Hon. G. Mennen Williams, Governor of Michigan, and Hon. Albert E. Cobo, Mayor of Detroit.
Response by John H. Brabb, W8SPF, Director of Great Lakes Division, A. R. R. L.

3 P.M. **"TVI Reduction—Effective Methods"**
Mack Seybold, W2RYI, Radio Corporation of America,

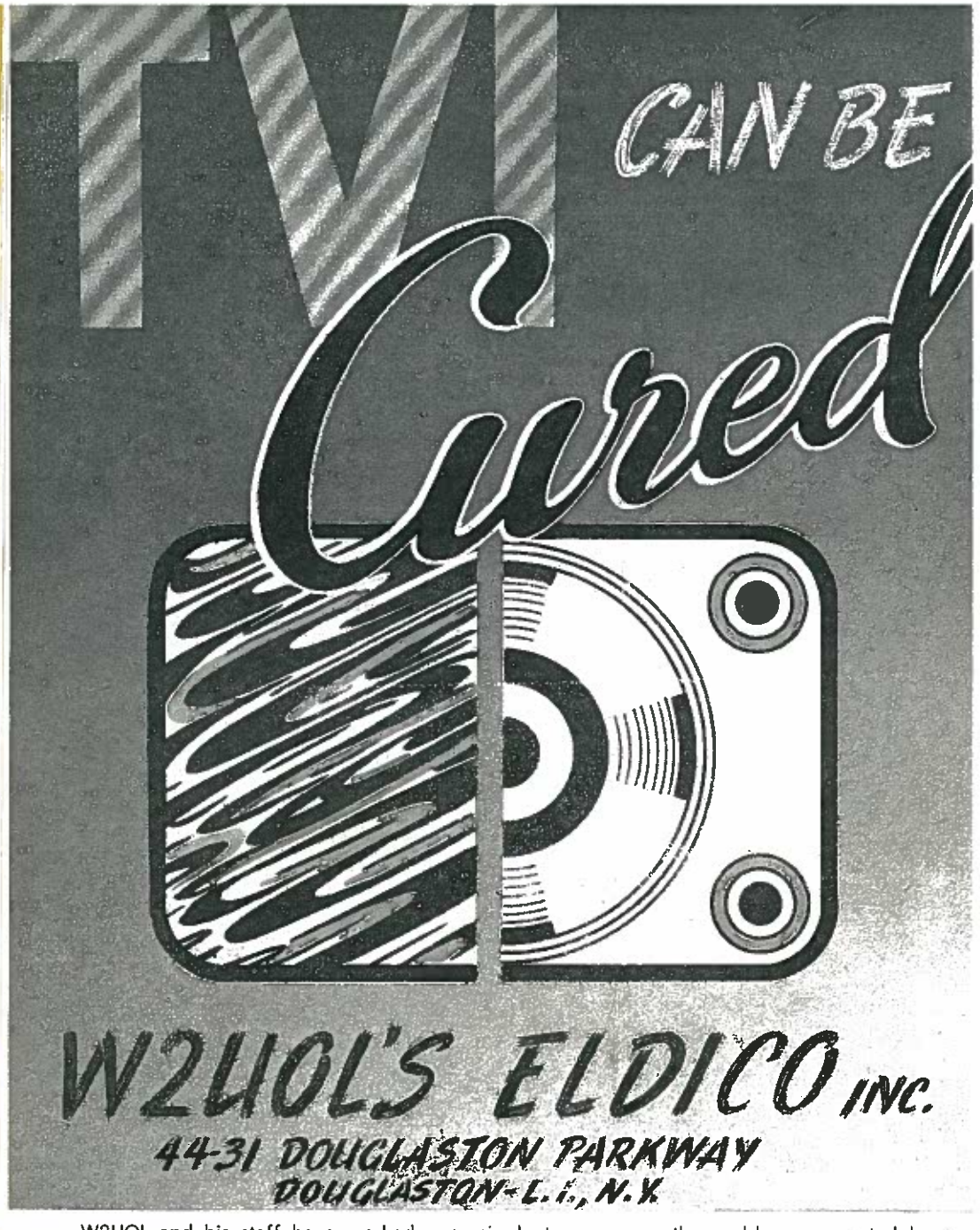
4:P.M. **"Safety Factors in Antenna Tower Construction"**
John Rehard, W8PAT, Chief Safety Engineer, City of Detroit.

4:30 P.M. **"Amateur Mobile Installations"**
Harry Harrison, W9LLX, Motorola, Inc.—Amateur Division.

7-10 P.M. **Mammoth "Swap 'n' Shop" Session**
A Horse-traders' paradise! Bring your "stuff" to the Detroit Edison Loading Dock, 2000 Second Avenue. (Entrance is on Beech St., around the corner on south side of building) Free parking across Beech St. Note: The Convention is not responsible for bargain hunters injured in the rush—but come early, and stay late! Lots of room!

10:30 P.M. **Initiation—Royal Order of the Wouff-Houng**
Detroit Edison Auditorium—2000 Second Avenue. Admission limited to R.O.W.H. members and applicants for membership, who must belong to A.R.R.L. and be licensed amateurs. A nominal charge of fifty cents is made to initiates to cover costs of printing, inscribing and mailing certificates.

ALL LECTURES AND DEMONSTRATIONS IN WAYNE ROOM
UNLESS OTHERWISE SPECIFIED



W2UOL and his staff have worked unceasingly to overcome the problems presented by TVI. Positive results have been achieved . . . results testified to by Eldico equipped stations coming on the air in increasing numbers, with TV receivers operating contentedly in the same household. In engineering these TVI-free products it is only natural that many circuits and ideas were explored. The best of these are just beginning to appear as Eldico products. The new electronic key with self forming dashes; improved versions of the famous medium and high-power rigs; unique test equipment . . . to mention a few. For superior equipment, sensibly priced, Eldico will lead the way. Eldico is owned and operated by active radio amateurs to specifically serve the needs of the amateur. If there isn't an Eldico Distributor in your neighborhood drop us a note if you have a problem or if you are in the market for new equipment, kits or components.

—PROGRAM—

SUNDAY, MAY 28th

8 A.M. — **"Buzzards' Roost" Breakfast**
Roy Palmer, W8LR, Chairman.
Childs' Restaurant, 1448 Washington Blvd.

9-12 A.M. — **Hidden Transmitter Hunt**
75 and 10 meters. To be held at Belle Isle—Detroit's huge municipal island park. Obtain entry blank at Contest Committee Desk.

9 A.M. — **A.R.R.L. TVI Film.**
Michigan Room.

10 A.M. — **"DX Battles—How to Win Them"**
Les Misch, W8HGW, of DX Century Club.

11 A.M. — **"Curing TVI Step-by-Step"**
Technical talk and demonstration by Don Merten, W2UOL, Eldico of New York, Inc.

12 Noon — **YLRL Luncheon**
"Dot" Willett, W8UDA, Chairman.
Childs' Restaurant, 1448 Washington Blvd.

1 P.M. — **Communications Department Get-Together**
Robert B. Cooper, W8AQA, chairman. Shot talks and panel discussion on organized nets, traffic handling, and the offical observer program of the A.R.R.L.

2 P.M. — **"Getting the Most Out of Your 'Phone Rig"**
"Lighthouse Larry" (George Floyd, W2RYT) of the General Electric Company.

3 P. M. — **"Trials and Tribulations of the Amateur Service"**
Emory H. Lee, W8LK, Regional Engineer, Federal Communications Commission.

4 P.M. — **"Organization for Emergencies"**
A Forum on Emergency Work, directed by Alternate Director H. E. "Doc" Stricker, W8WZ, and the State Emergency Coordinators, Francis E. Gary, W8GJH (Michigan); Dana E. Cartwright, W8UPB (Ohio), and E. G. Leachman, W4BEW. (Kentucky).

7-10 P.M. — **Convention Banquet—Grand Ballroom**
A. L. Budlong, W1BUD, Secretary, A.R.R.L., Speaker. Drawing of Banquet Prizes. Liar's Contest.

ALL LECTURES AND DEMONSTRATIONS IN WAYNE ROOM
UNLESS OTHERWISE SPECIFIED

COLLINS 32V-2 TRANSMITTER

COLLINS 75A-1 RECEIVER

For Performance and Appearance
The Best Hamshacks Use COLLINS

Collins equipment is **engineered for amateurs.** Every feature shows the careful consideration, the painstaking design, and the exhaustive tests that have contributed to its outstanding performance. Here are a few of the reasons why wise hams are choosing Collins:

1. Dials calibrated directly in frequency
2. Flexibility of variable frequency control.
3. Very high accuracy and stability.
4. The band lighted dials illuminate only the band in use.
5. Double conversion, permeability circuit in the 75A-1.
6. Chirpless keying in the 32V-2.
7. Long, reliable operation through use of heavy duty, conservatively rated components.

Plan now to get the most out of amateur radio. See your Collins dealer about these and other products for hams.

FOR RESULTS IN AMATEUR RADIO, IT'S . . .

COLLINS

COLLINS RADIO COMPANY, Cedar Rapids, Iowa

11 West 42nd Street, NEW YORK 18 **2700 West Olive Avenue, BURBANK**

—PROGRAM—

MONDAY, MAY 29th

8 A.M. **DX Man's Breakfast**
Joe Yurko, W8UAS, Chairman.
Childs' Restaurant, 1448 Washington Blvd.

9 A.M. **MARS—The Military Amateur Radio System"**
Brig. Gen. Ivan L. Farman, USAF, ex-J2ATC
Brig. Gen. Wesley T. Guest, U.S. Army, ex-8KM
Maj. R. H. Ralls, USAF, W4RB
Capt. E. L. Nielsen, Signal Corps, U. S. Army, W4ODI.

10 A.M. **"Broad Band TV Transmission via Telephone Exchange Cable"**
Richard Barnes, W8IBC, Michigan Bell Telephone Co.

10:30 A.M. **"High-Pass Filters—How And Where To Use Them"**
Clem Wolford, W8ENH, R. L. Drake Co.

11:00 A.M. **"Optimum Tube Performance At The Higher Frequencies"**
Royal J. Higgins, W9AIO, Eitel-McCullough, Inc.
WFH Panel Discussion, Bud Chaney, W8UMI

VHF Panel Discussion
Bud Chaney, W8UMI

1 P.M. **A.R.R.L. Forum**
John H. Brabb, W8SPF, Chairman.

2 P.M. **"Single-Sideband Telephony Simplified"**
Don Norgaard, W2KUJ, General Electric Company.

3 P.M. **"Radio Amateurs And The Naval Reserve"**
Capt. K. M. Gentry, U.S.N.
Cmdr. Everett L. Battey, U.S.N.R., W4IA
Lt. Cmdr. Leo Larkin, U.S.N.R., W9RKV

4 P.M. **Grand Prize Drawing**

ALL LECTURES AND DEMONSTRATIONS IN WAYNE ROOM
UNLESS OTHERWISE SPECIFIED

BARGAINS AT HERSHEL RADIO CO

DETROIT 8, MICHIGAN

THE "FORTY-NINER" GEIGER COUNTER

$89.50

- Light weight uranium detector.
- Detects beta and gamma rays.
- Equipped with 36 inch search probe.
- Contains two 67½ volt Minimax batteries in the well-known type of relaxation oscillator supply.

Weight 4½ lbs. complete; size 4"x5"x6". Beautifully finished case with handle.

Complete with four tubes, including Geiger tube, batteries, search probe and ear-phone.

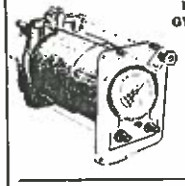
S-1 BOMBSIGHT WITH M2 MODIFICATIONS

Contains many precision gears, cams—planetary assemblies gyros—switches, motors, slide rule, tangent scale, adjustable coated optic system, outside silvered mirrors. Comes in heavy, metal, safe-like container.

Brand new and complete.

Shipping weight 150 lb. **$69.95**

BANK - CLIMB GYRO - CONTROL



For Mark 4 Automatic Pilot

$495

ALL-PURPOSE CHASSIS

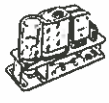
Contains 3 plugs, 2 vol. controls, 1 25 wt. resistor 2800 ohms, 250,000 ohms 10 wt. resistors, 13,500 ohms, 10 wt. resistors, 3 ½ mmfds. 3 bathtub condensors 600V, 3 sockets, 4 shpsh mounts and many other parts on a blank top chassis.

95¢

304TL $1.95

Just the tube for that 1KW final—typical operation 2500 volts at 400 MA. An ideal tube for that inductive heater or dielectric heater. Efficient operation at 1500 V. to 3000 V.

BC-746 Tuning Unit



Plug in transmitter tuning unit from army Walkie Talkie. Contains antenna and tank coils tuning condenser, transmitting and receiving crystals. Ideal transmitter foundation. Shipping Wgt. 1 lb. Each

95c

ULTRA HIGH-FREQUENCY TRANSMITTER T-85/APT-5

BRAND NEW! ONLY **$95.00**

1500 Megacycle Transmitter, made for U.S. Government, complete with the following tubes: 2-6AC7, 1-6L6, 2-[illegible], 1-931A; 1-6AG7, 1-522 UHF high freq. tube. Complete with high freq. cavity. 1 Blower to cool the 522, 1 time delay relay, 2 [illegible] ment trans cond, and many other component parts for ultra high frequency work. It has a frequency checker, complete Lecher wires, with slider and sensitive bulb for checking the wave length. The Lecher wires are so calibrated that the setting of the slider may be read directly in Centimeters. Operates on 115V. AC for filaments only. Does not include any plate supply. The tubes alone are worth many times more than what we are selling the complete transmitter for. Packed in original case—contains instruction book. Wgt 118 lbs.

T-17 MIKE

Lowest Price Ever! Slightly used, guaranteed perfect and clean. Single button carbon handmike. Light, efficient, 200 ohms. Press-to-talk switch. 5-ft. rubber cord with PL-68 plug attached.

Special..... **69c**

Butterfly Condensers

Oscillator assembly 76 to 300 MC with acorn tube socket mounted on condenser $3.95

Type B Frequency range 30v-1000 megacycles 2.95

BC4 Antenna condenser 105-330 MC... 3.95

Oscillator 105-330 M.C. 3.95

COAXIAL FITTINGS

5c	25c	35c	20c
HOOD	SOCKET SO-239 83-1R	PLUG PL-259 83-1SP	ANGLE-ADAPTER M-359 83-1AD

INDUSTRIAL PAPER OIL CAPACITATORS

1 MFD 5000 V.	$2.95
3 MFD 5000 V.	$4.95
2 MFD 5000 V.	$8.95
2 MFD. 1000 V.	95c

BK 22 K RELAY

$2.95 Used in conjunction with SCR-269F, changeover contacts 28V, step relay 5 deck, 6 position switch. 12V. DPST.

Banana Jack and Plug

75c Dozen Sets

THERMOSTAT

Normally opens at 95° F85-1 M5

49c

MODULATION TRANSFORMER AND DRIVER TRANSFORMER

RC 1206 modulation transformer. 815 Class AB2. 56W. audio. RC 1205 driver transformer. 6SN7 to 815, Class AB2—Companion to RC 1206.

ONLY **$4.95** FOR BOTH UNITS

POTTER AND BRUMFIELD OVERLOAD RELAYS

1, 5000 ohms, coil current 10 Ma. Relay 2, 110 V, 60 cy. AC. coil S.P.D.T. F236 $1.95

5 GANG VARIABLE CONDENSER

Approx. 50 MMFD. per section with individual air tuned padders. . . . 18 to 1 vernier drive. F-243 $1.95

AIRCRAFT POWER RHEOSTATS

50 W. 30 ohms 1.7 amps. max. F283 95¢

5-TUBE SUPERHET AC-DC KIT

Full-sized 5 Tube Superhet Kit with automatic Volume Control. Built-in Antenna. Dynamic Speaker. Brown Plastic Cabinet. Build it yourself and enjoy fine performance! Uses 12SA7, 12SK7, 12SQ7, 50L6, 35Z5. For 110 volt AC or DC. Complete..... $12.95

G.E. PHOTOCELL . . 95¢

Type used in movie projectors, burglar alarms, etc.

STANDARD MAKE CAPACITORS

2000 MFD, 50 V..... F309 $1.29
(W.P.) 2000 MMFD at 15V..... F308 95¢
STANDARD MAKE MICA CAPACITORS
.0004 MFD .002 MFD, 3000 VDC..... 49¢

OUTPUT TRANSFORMER

No. 227. Push pull 6V6's to 6-8 ohm voice coil, excellent characteristics .....49¢ each

FILAMENT TRANSFORMER

Amertran Type WS

For High Voltage Rectifiers. PRI. 115V., 50/60 Cycle.

SEC. 5V., C/T @ 10 Amp.

35 KV R.M.S. Test 12 KV D.C. Operating. Uses 872A Tube or other tubes.

$5.95

872-A....$1.75

SAVE MONEY BRAND NEW GUARANTEED GENERAL ELECTRIC SELSYN

Type 2J1G1

Will operate from 110 volts, 60 cycle by using a resistor or a condenser in series. Size is 2¼" in diameter x 4¾" long. Ideal for beam antenna position indicator.

Price **$2.75** per pair —

POWERFUL ALL PURPOSE MOTOR

Sturdy shaded pole A.C. induction motor. 15 watts, 3000 rpm.; 4 mounting studs; 110-120 volts 50-60 cycles. A.C. only. When geared down, this unit can operate an 18" turntable with a 200 lb. dead weight. Use it for fans, displays, timers and many other practical purposes. Ship. wt. 2 lbs.

UNUSUAL BUY **$1.49**

SENSITIVE RELAY

Breaks at 3 MA. Beautifully Constructed and delicately pivoted. Approx. 2000 ohms resistance. Housed in dustproof aluminum can. Plugs into 5 prong socket.

Only ..... **95¢**

5000 ohm D.P.S.T. relay normally open **$1.95**

SENSATIONAL ANTENNA BUY!

HI-LO ARRAY

Complete With Mast

We don't believe you'll find a finer antenna anywhere near this low price. Two folded dipoles (High and Low) with reflectors. Complete. Ready for easy, quick installation

$6.95

SELSYN TYPE 32779

115 V. 60 cycle repeater, 2½" diam. x 2½" lg. Use as transmitter or repeater.

#43. Price **$3.95** each

SUPER SPECIAL

3 lbs. Asst. Hardware, No. F270D $1.00

AIRCRAFT BATTERY PART NO. 3151 $29.00

24 Volt Air Craft Battery 17 AH at 5 hour rate wt. filled 52 lbs. made by Electric Storage.

FILTER & PAPER CONDENSERS

Very best brands. Fresh stock Assorted, 150 to 350 working volts 25 for $4.95
350 to 450 working volts 25 for $6.95

LAZY Q FIVER

(BC 1206)

Setchell Carlson receiver; 4 x 4 x 6½". 3 lb. 14 oz. Draws .75 amps at 24v D.C. 1F freq. 135 kc; super-het.

$6.95

POWER TRANSFORMER

$1.95 NO. OT-134

Primary 110V, 60 Cy. Sec. 730V each side of center at 80 MA, 6.3V at 1.2 Amps. 5V at 3 Amps. Hermetically sealed Size 6" x 3½" x 3".

POWER TRANSFORMER

$1.95 NO. OT-144

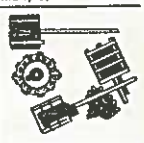
110V, 60 Cy. Sec: 300V ea. side of center at 125 MA. 6.3 V at 2.1 Amps, 5V at 3 Amps., Hermetically seated, size 6" x 3½" x 4¼"

POWER TRANSFORMER

$1.95 NO. OT-145

110V, 60 Cy. Sec. #1: 4V at 16 Amps; Sec. #2: 2½ V at 1.75 Amps; Ideal for 2 x 2 and 826 tubes. Hermetically seated, size 6" x 3½" x 4¼".

ROTARY TAP SWITCHES



KIT OF 6 SWITCHES **$1.85**

NO. OT-154

LIP MIKE

with head band and cord

NO. OT-131 **95¢**

VOLTAGE REGULATOR

Carbon pile, magnetic type, coil current 105 MA. Load max 5 Amps at 18.25V

NO. OT-141 **95¢**

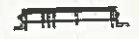
MATCHING TRANSFORMER

69¢

NO. OT-136

500 Ohms to grid, hermetically sealed

TYPE HE



100W, bleeder consisting of 5 sections 750 Ohms, 23 Ohms, 23 Ohms, 7,500 Ohms, 3,000 Ohms. Total 11,296 Ohms.

NO. OT-147 **49¢**

DRAKE F15/U HARMONIC FILTER

Good for T.V.

$2.95

Standard Brand Noise Filter

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No. F223 D.P.S.T. 30 amps., black bakelite case. **39¢**

DUAL VAR. CONDENSER

No. F303 120 mmfd per sec. **95¢**

TRANSFORMER

NO. OT-148 **95¢**

Audio etc. transformer with output and feedback winding.

CHASSIS

NO. OT-150 **$1.95**

Containing: 110 AC relay, 3 miniature sockets with tube shields, 5 condensers and 6 res. 3" x 5" x 1".

MINE DETECTOR SCR 625

Detects metallic objects (ferrous or non-ferrous) to a depth of approx. 6 ft. Find outboard motors on the bottom of lakes, locate underground piping, treasure, metallic fragments in lumber, etc. Used $39.95

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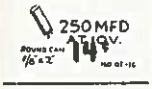
815 — $1.95	
3AP1	2.95
3BP1	2.95
5BP1	3.95
5FP7	2.95
7BP7	2.95
9LP7	3.95
VR150	.69
955	.44
9001	.44
9002	.44
9004	.44
9006	.44
5085	.89
35W4	.69
872A	1.95
RK60	.95
1T4	.44
3Q4	.44
3S4	.44
1N5	.69
1H5	.69
3Q5	.69
VT127A	2.95

250 MFD AT 10V.



Round Can 1⅝ x 2" **14¢** No. OT-15

6 MH-500MA

29¢

No. OT-139

Pie wound on ceramic form.

DISCHARGE RESISTOR

95¢

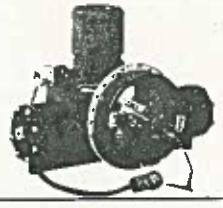
No. OT-128

General Elect. thyrite type 5F, 130 V.A.C. or D.C.

WELL KNOWN CONDENSER, NO. F219

.1 MFD, 7000 V $1.95
RELAY, No. F305, S.P.D.T. and S.P.S.T., 6500 ohms $1.95

A-5 AUTOMATIC PILOT SERVO M1



Made by Delco-Remy

Has ⅛ horsepower shunt type DC motor, 27.5 V, 11 amps. input, speed 6000 rpm. Has hydraulic lift — (Intended use — Hydraulic lift actuates Ailerons on airplane). Overall length 16", width 12", height 11". Net weight 28 lbs. Shipping weight 35 lbs. Hardware for cable drum included. Brand new in original packing boxes.

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Ideal as Antenna Direction Indicator for Ham, Television, or Commercial Use. 6 V @ 60 cy. operates it. ..... New $2.95

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The Detroit Area Amateur Radio Council

GEORGE H. GOLDSTONE
W8MGQ

In 1946, when World War II was hardly over and amateur radio was regaining its feet, a group of radio amateurs representing all six of the then existing ham radio clubs in the Detroit area met in a downtown office one evening. The Detroit area clubs — including the Detroit Amateur Radio Association the Detroit Metropolitan Radio Club, the Edison Radio Amateurs' Association, the Great Lakes Amateur Radiophone Association, the Motor City Radio Club, and the Oakland County Radio Club—were all of one opinion: that some representative group was needed to speak for us all.

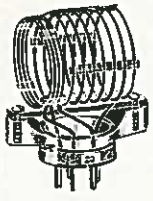
On that evening the Council was formed, and shortly thereafter the name "Detroit Amateur Radio Council" was adopted. The members of the council also settled one basic tenet of our organization: that the Council would never involve or commit itself in "ham politics"—leaving that argumentative field for individual club action. The principal activities of the Council to date have been discussion of zoning and building code restrictions at club and council meetings; forum discussions of television interference problems; creation of a TVI Advisory Committee; distribution of circulars on the responsibility of radio amateurs and TV set owners; and the sponsorship of this Great Lakes Division A.R.R.L. Convention. In addition to the original members, the Catalpa Amateur Radio Society and the South Macomb Amateur Radio Association both joined the Council promptly after their own organization.

The officers of the Council are George H. Goldstone, W 8 M G Q, Chairman; James F. Abbott, W 8 Y G I, Secretary; and John H.Brabb, W 8 S P F, Treasurer. Delegates to the Council are also Vice-Chairmen of this Convention, and will be found listed on page 3 of this program.

BUD PRODUCTS
Improve Performance

For over twenty years, Bud has led the field in developing products which have resulted in better performance. At the same time, extra quality is built into every Bud product. For example, see

THE NEW BUD
75 WATT *Polystyrene*
PLASTIC BASE COIL



For Better performance...for better appearance—at no increase in cost see the new Bud 75 watt oscillator and buffer coil with the Polystyrene Plastic Base. This new feature of construction has proven superior to porcelain for many reasons including.

1. Due to the extremely low power factor, the Q of the coil is exceptionally low.
2. Far greater resistance to breaking or cracking.
3. Perfectly aligned base pins because they are molded in place.
4. Sharp corners eliminated, no danger of chipping.
5. Transparency adds to smooth modern appearance.

Bud 75 watt coils are furnished with fixed or adjustable end links. They are air wound, mount into 5-prong tube sockets and can be used on bands from 6 meter to 160 meter.

Take the advice of amateur operators who know — for best performance, for best values, always Buy BUD!

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1 KW Plate – Fully Potted
EXCLUSIVE

Small plate transformer for low power motor or exciter stages. Delivers 400 VDC at 150 MA at low cost.

PLATE TRANSFORMER

For amateur or intermittant commercial service. Pri. for 115 or 230 V. 60 cy. DC voltage rating are approx. values obtained at output of 2 section choke input filter.

Type No.	Net Price	Sec. RMS Volts	Sec. DC Volts	Sec. DC MA.
P-4063	$66.00	3000-3000 2500-2500	2500 2500	550
Dimensions		11¼" H	7½" W	7" D

P-3175	$5.40	550-550	400	150
Dimensions		3" H	3" W	3" D

COMPANION CHOKES

Type No.	Net Price	Inductance Henries	Current MA.	DC Res. Ohms
C-4084	$19.20	8	500	75
C-4091	$19.20	3-14	500	75
Volts Insulation		Dimensions		
7500		6" H	6" W	5" D

UNIVERSAL MOCULATION TRANSFORMER

Type No.	Net Price	Pri. Impedance	Pri. MA. Per Side	Sec. Impedance
A-4008	$54.00	2000-2000	325	2000-20,000
MA. Max Sec.	Watts	Dimensions		
325/650	500	8" H	7½" W	7" D

PRODUCTS OF MERIT

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JACK M. THORPE — W8JDG

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R. O. W. H.

—•••—

Certain traditions have come down through the years and have become part of Amateur Radio. The originator of most of these traditions was "The Old Man", a writer whose identity was not revealed until after his death in 1936. His pointed and humorous stories on "Rotten Radio" made him one of amateur radio's principal figures. Since 1915, his pictures of radio and the radio amateur as revealed by his stories in QST were characteristic and inimitable, so much so that there was much speculation as to his identity.

Early in his writings there appeared an article on the Wouff-Hong, a sacred symbol which stood for enforcement of law and order in amateur radio. It was not until 1919 that it was known what the Wouff-Hong looked like when from the battle fields of Europe (sent by The Old Man himself) came the one and only Wouff-Hong.

In 1923 The Supreme Council of the Royal Order of the Wouff-Hong was organized and its first Ritual was given at the Second Michigan Divisional Convention at Flint, Michigan in February of that year.

The Genesee County Radio Club of Flint, Michigan is proud to again present the Ritual of the Royal Order of the Wouff-Hong. The cast includes Irving Smith, W8EEM; Phillip Pinkstaff, W8QIC; Harold Smith, W8ILG; Sidney Dunn, W8WXO; and Raymond Haynes, W8FOV. Direction and Production are by Lewis Stoner, W8IMS and Stanley Reed, W8IQS, and the Master of Ceremonies is F. E. Gary, W8GJH.

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Hams everywhere are back on the air

WITH R. L. DRAKE TVI FILTERS

Read what W1FUW says . . . **. . . about the new TV-300-10HW**

Meriden, Conn.
March 20, 1950

The R. L. Drake Co.
Dayton, Ohio.

Gentlemen:

A year ago I decided to rebuild my 500 watt 10-meter xmtr as I was causing terrific TVI in the neighborhood sets. All components were completely shielded, hypass condensers and chokes were used in various leads, and the whole xmtr was also shielded.

This resulted in TVI being eliminated in the sets at some distance from my xmtr but I still had trouble with close-by sets. One TV antenna is 6 feet from my antenna and I had just about given up in desperation since I felt I had tried everything. This meant I could not go on the air until after 11 P.M.

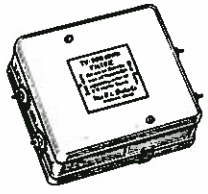
One of the local radio distributors suggested I give your TV-300-10HW filter a trial. This proved to be the answer. I can now operate 10 meters anytime during the evening without causing TVI even in my own set in the same room.

A number of amateurs came over to see my setup and I demonstrated the rig to them with and without the filter, and they were all amazed.

Edmund Mierz, W1FUW

10 – 11 METER

Half-Wave Harmonic Filter



The TV-300-10HW is designed for use in 300 ohm twin lead of 10 or 11 meter transmitters up to 1 KW. A 20-meter model TV-300-20HW is also available.

Get complete information on our Half-Wave, Low Pass and High Pass Filters and see them demonstrated at our booth.

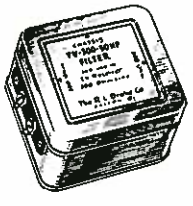
Have you tried the –

High Pass TELEVISION FILTER

The R. L. Drake High Pass Filter for installation in the lead-in at the TV set is daily proving itself a boon to the preservation of amateur radio. The filter is a simple yet highly effective 2-section m-derived circuit designed to cut-off at 50 mc and provide high attenuation to all lower frequencies.

Where the TV receiver and amateur transmitter or other source of R.F. interference are located close to each other, the most common trouble is usually simple overloading of the TV receiver's front end by the fundamental output of the transmitter. In other cases, strong fundamental signals or harmonics in or near the I.F. bandpass of the TV receiver will cause trouble. The R. L. Drake High Pass Filter will eliminate or greatly reduce these types of interference.

The filter is installed in the lead-in at the antenna terminals or close to the TV tuner in cases of strong interference. Two models available.



TV-300-50HP
for 300-ohm Twin Lead

TV-72-50HP
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